

TONKAL', V.A., kand. med. nauk

Immediate and late results of antibacterial treatment of patients with initial forms of osteoarticular tuberculosis. Prob. tub. no.1837-88 '65. (MIRA 18:12)

1. Klinika kostno-sustavnogo tuberkuleza (zav.- prof. B.S. Kutsenok) Ukrainskogo nauchno-issledovatel'skogo instituta tuberkuleza i grudnoy khirurgii imeni akademika F.G. Yanovskogo (dir.- docent A.S. Mamolat), Kiyev.

TONKAL', V.Ye., inzh.

Static electromagnetic frequency converting device. Energ. i elektro-
tekh. prom. no.3:38-40 J1-S '64. (MIRA 17:11)

TONKAL', YE. A., DOBROTVORSKAYA, K.M.

Grasses

Time and methods for applying fertilizers to grass mixtures. Sov.agron. 10 no. 10
1952.

9. Monthly List of Russian Accessions, Library of Congress, December 1952-1963, Unclassified.

BUZANOV, I.F.; SAMBUROV, V.I.; YEMETS, G.M.; ORLOVSKIY, N.I.;
NEGOVSKIY, N.A.; FEDOROV, A.I.; GREKOV, M.A.; KURBATOV,
S.T.; MEL'NICHUK, A.N.; TONKAL', Ye.A.; GORNAYA, V.Ya.;
ROZHDESTVENSKIY, I.G.; SIDOROV, A.A.; KUDARENKO, F.F.;
BROVKINA, Ye.A.; GELLER, I.A.; DOBROTVORTSEVA, A.V.;
VARSHAVSKIY, B.Ya.; KUTSURUBA, N.V.; KUZ'MICH, S.I.;
PRESNYAKOV, P.V.; USHAKOV, A.F.; SHEVCHENKO, V.N.;
KHUCHUA, K.N.; PETRUKHA, Ye.I.; POZHAR, Z.A.; SHAPOVALOV,
P.T.; AREF'YEV, T.I.; GRIGOR'YEVA, A.I., red.; BALLOD,
A.I., tekhn. red.

[Sugar beets] Sakharmaia svekla. Moskva, Sel'khozizdat,
1963. 487 p. (MIRA 16:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sa-
kharnoy svekly. 2. Nauchnyye sotrudniki Vsesoyuznogo
nauchno-issledovatel'skogo instituta sakharney svekly
(for all except Grigor'yeva, Ballod).
(Sugar beets)

12/1/56, 10:11
KUTSENOK, B.S.; STEPANSKAYA, O.Kh.; TONKAL', V.A.

Sulfamethin (sulfone 2) therapy of osteoarticular tuberculosis.
Probl.tub. 34 no.6 supplement:31-32 N-D '56. (MLRA 10:2)

1. Iz Ukrainского instituta tuberkuleza (dir. A.S.Mamolat), Kiyev.
(TUBERCULOSIS, OSTEOARTICULAR, therapy,
diaminodiphenylsulfone deriv. (Rus))
(SULFONES, therapeutic use,
diaminodiphenylsulfone deriv. in osteoarticular
tuberc. (Rus))

TONKAL', V.A.

Concentration of streptomycin in the blood, cold abscesses, and
tissues around tuberculous joints. Probl.tub. 34 no.6 supplement:
47 H-D '56. (MIRA 10:2)

1. Iz Ukrainского instituta tuberkuleza (dir. A.S.Mamolat)
(TUBERCULOSIS, OSTEOARTICULAR, therapy
streptomycin, concentration in tissues around
infected joint (Rus))
(STREPTOMYCIN, metabolism,
tissues around tuberc. joint (Rus))

TONKAL', V.G., inzh.

Pegging-out operations in constructing an earth dam. Transp.
stro1. 7 no.8:10-13 Ag '57. (MIRA 10:12)

(Dams)

TOSKAL', V.G., inzhener.

Making embankments where vehicle movement is difficult. Transp.stroi.
5 no.8:9-11 0 '55. (MIRA 9:1)

(Embankments)

MILYAKH, A.N. [Milyakh, O.M.]; TONKAL', V.Ye. [Tonkal', V.IU.]

Static frequency converter using electromagnetic elements. Dep.
AN USSR no.61727-730 '65. (MIRA 18:7)

1. Institut elektrodinamiki AN UkrSSR. 2. Chief-korrespondent
AN UkrSSR (for Milyakh).

TONKAL, Ye. A.

USSR/Cultivated Plants - Technical, Oil, and Sugar Plants.

M-4

Abz Jour : Ref Zhur - Biol., No 3, 1958, 10924

Author : Tonkal', Ye. A.

Inst : -

Title : The Influence of Fundamental and Mineral Fertilization on the Sugar Beet Yield.

Orig Pub : Udobreniye i urozhay, 1956, No 3, 28-33

Abstract : At the Uladov Testing Station application of a three-way organic-mineral mixture on an NK base did not increase the sugar beet yield. Application of superphosphate mixed with 0.5 T. of humus during the autumn plowing, and at the same time plowing in NK, raised the yield by 40 centners/hectare. A somewhat larger yield was attained when ten tons of manure, unmixed with mineral fertilizers, were added as a supplement to the full mineral fertilization. In a number of other experiments plowing mineral fertilizers under in autumn, especially when

Card 1/2

USSR/Cultivated Plants - Technical, Oil, and Sugar Plants.

M-4

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10924

supplemented by manure, gave significantly better results than application of an organic-mineral mixture in spring during the pre-sowing cultivation. On the average, out of six experiments conducted on the kolkhozes of Cherkasskaya and Kiyevskaya oblast's, an organic-mineral mixture, when applied in spring gave 13.7 centners/hectare increase in beet yield, when the usually recommended fertilizers (10 T. of manure plus NPK) were added in autumn the yield increase was 43.8 centners/hectare. The author considers it inadvisable to recommend insertion of fertilizers in spring with the cultivator at a shallow level in view of the deep penetration of the beet's root system.

Card 2/2

20

TONKAL', Ye. A.

COUNTRY : USSR
 CATEGORY : Cultivated Plants. Commercial Oleiferous.
 DATE : 1959-Blarins.
 JOUR. : ZHBIOL., No. 4, 1959, No. 15768
 AUTHOR : Tonkal' Ye.; Gornaya, V.Ya.
 INSE. :
 TITLE : Dates and Methods of Placing Basic Fertilizer Under Sugar Beets.

INFO. FUR. : Vsesoyuznyy i. Zhurn., 1958, No. 3, 39-47

ABSTRACT : The optimal dates of the basic placement of mineral fertilizer and the depth of imbedding them depends on the soil-climatic characteristics of the individual beet sowing zones. The drier the climate the more preferable is autumn placement of the basic fertilizer under autumn ploughland with embedding at a 15 to 20 cm depth. In the beet sowing regions of the eastern oblasts of the Ukrainian SSR, the central chernozem belt of the RSFSR and the republics of Central Asia the basic fertilizer under sugar beets must be placed with embedding by

Card: 1/2

131

COUNTRY :
CATEGORY :

ABS. JOUR. : RZhBiol., No. 4, 1959, No. 15768

AUTHOR :
ISS. :
TITLE :

ORIG. PUB. :

ABSTRACT : plow during deep plowing. But in the beet sowing areas of the Baltic republics, and also in the western oblasts of the Ukrainian SSR, it is necessary to place nitrogen fertilizers in the spring under presowing cultivation and in supplementary nutrition. In the western oblasts of the Ukrainian SSR it is more expedient to place the phosphorus-potassium fertilizers under deep plowing, and in the rayons of the Latvian SSR in the autumn under ploughland or in spring under presowing cultivation.

Card: 2/2

-- B.L. Klyachko-Gurvich

TONKAL', YE. A.: DOBROTVOORSKAIA, K.M.

Fertilizers and Manures

Time and methods for applying fertilizers to grass mixtures. Sov. agron. 10, no. 10, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 1952¹⁹⁵³, Unclassified.

✓ The effect of basic organic-mineral fertilizers on the crops
of sugar beets. Yu. A. Tonkai. *Dopovidy Akad. Nauk Ukr.*
P.S.R. 1951, 438-334 Russian summary 434-5) —Granu-
lated mineral fertilizers to which manure has been added
return phosphoric acid better than the usual fertilizers,
making it more available to the plants. Addition of granu-
lated mineral fertilizers, composed of superphosphate,
ammonium phosphate, NH_4NO_3 , KCl and calcium chloride, CaCl_2 ,
at 100 g/m² of P_2O_5 , 50 g/m² of N , 50 g/m² of K_2O , and 50 g/m²
of Ca , increased the yield of sugar beets by 15% compared to
the control. The sugar content of the beets was essentially
const. in all cases at 19.8%. R. Dowbenko

TONKAL, Yu. A.; DOBROTVORSKAYA, O.M. [Dobrotvors'ka, O.M.]; LOPATYUK, F.I.

Effectiveness of menilite shales as a new fertilizer for grain
crops and sugar beets. Pratsi Inst. agrobiol. AN URSR 2 [pt. 2]:63-
70 '53. (MIRA 11:7)

(Grain)
(Sugar beets)
(Shale)

VYRSKIY, Sergey Pavlovich; ~~TOMKASHOV, Petr Vasil'yevich~~; NIKITIN, L.I.,
redaktor; ~~ETUSH, L.A.~~, redaktor izdatel'stva; BRATISHKO, L.V.,
tekhnicheskii redaktor

[Experience in repairing trucks hauling lumber] Opyt remonta
lesovoznykh avtomobilei. Moskva, Goslesbumizdat, 1957. 59 p.
(Motortrucks--Maintenance and repair) (MLRA 10:8)

TONKEL, I., inzh.; BELENOV, I., inzh.; SEROKO, V., inzh.

How to protect the wood of birch from rot. Mast.lesa no.5:11

My '57.

(MIRA 10:10)

1.TSentral'nyy nauchno-issledovatel'skiy institut lesosplava.
(Birch) (Wood--Preservation)

FORNELL, I. I.

Agriculture

Measures for preventing the sinking of timber in rafting,
Moskva, Goslesbumizdat, 1951

Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

TONKEL', I.

"Biological drying as a means of increasing the buoyancy of deciduous timber." Tr. from the Russian. p. 61. (ANALELE ROMANO-SOVIETICE. SERIA SILVICULTURA-INDUSTRIA LEMINULUI SI A HARTIEI, Series a II-a, Vol. 7, no. 4, July/Aug. 1953, Series a II-a, Vol. 7, no. 5, Sept./Oct. 1953, Bucuresti, Rumania)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 4, April 1954, Uncl.

TONKEL, L.L.
TONKEL', Iosif Ignat'yevich; SHCHERBINSKIY, Ya.N., red.; MOROZOV, Yu.V.,
~~red. red. va.~~ IVANOCHENKO, N.A., tekhn.red.

[Preparing hardwoods for floating] Podgotovka k splavu drevesiny
listvennykh porod. Moskva, Goslesbumizdat, 1957. 52 p.
(Lumber--Transportation) (MIRA 11:2)

TONKEL', I. I. Cand Agr Sci -- (diss) "Absorption of water by birch wood ^{during} ~~in~~
~~scattered~~ rafting." Len, 1957. 19 pp (Min of Higher Education USSR. Len Order
of Lenin Forestry Engineering Acad im S. M. Kirov), 100 copies (KL, 44-57, 101)

TONKEL', I.I., inzh.

Results of investigating the water absorption of birchwood during floating. Sbor. nauch. trud. po lesospl. no.2:138-158 '57.

(MIRA 11:7)

(Birch) (Wood--Moisture) (Lumber--Transportation)

TOIKEL, I. I.

Mery bor'by s utopom listvennykh porod na lesoplave (Measures for preventing the sinking of timber in rafting). Moskva, Goslesbumizdat, 1951 36 p.

SO: Monthly List of Russian Accessions, Vol 6, No. 3, June 1953

1. TONKEL', I. I.
2. USSR (600)
4. Lumbering
7. Girdling as a means of raising the floatability of standing timber, Les. prom., 13, no. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

TONKHA, K. & KOZNEVNIKOV, A.

Production of synthetic lubrication oils in Germany. PROIZVODSTVO
SINTETICHESKIKH SMAZOLNYKH MASEL V GERMANII. Moscow. Bureau of
Tech. Econ. Inf. TsINTneft, 1947. pp. 16.

Tonkha, K. K., Losikov, D. V., and Khalif, I. B. "The effect of an admixture on the improvement of the properties of diesel oils," *Neft. khoz-vo*, 1946, No. 11, p. 54-57.

SO: U-2228, *Letovis zhurnal'naya Statistika*, No. 1, 1947.

PROCESSING AND PROPERTIES INDEX																									
<p>CA</p> <p>The effect of additives on the service characteristics of Diesel lubricants. K. K. Tonkha, B. V. Losikov, and A. L. Khalif. <i>Nefteyanoe Khoz.</i> 24, No. 11, 54-8 (1946).— Several lubricating oils with or without different addn. agents were tested in high-speed Diesel engines to det. their effectiveness in preventing deterioration of the oil, corrosion of bearing alloys and wear of piston rings. The results indicate that Aerolube and Delo are excellent all-purpose additives. Paranox, though satisfactory otherwise, does not stabilize the oil and will prevent corrosion only if the nature of the alloy is such as to enable formation of a protective film with the S present in Paranox. Oil 13370, an imported product, apparently contains a powerful antioxidant since the acid no. of the oil was the same after 100 hrs. of service and no film was formed on the bearing surface. With Santolube 3333a, a detergent additive, the engine remained free of C deposits after 350 hrs.</p> <p>Bruno C. Metzner</p>																									
<p>ADD. 51.0 METALLURGICAL LITERATURE CLASSIFICATION</p>																									

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PROCEDURES AND PROPERTIES INDEX																			
<p>F</p> <p>2664. EFFECT OF ADDITIVES ON SERVICE CHARACTERISTICS OF DIESEL LUBRICANTS. Tonkha, K. K., L sikov, B. V. and Khalif, A. L. (Neft-yance Khoz., 1946, 24, No.11, 54-8; Chem Abstr., 1947, 41, 3940).</p> <p>Several lubricating oils with or without different addition agents were tested in high-speed Diesel engines to determine their effectiveness in preventing deterioration of the oil, corrosion of bearing alloys and wear of piston rings. The results indicate that Aerolube and Delo are excellent all-purpose additives. Paranox, though satisfactory otherwise, does not stabilize the oil and will prevent corrosion only if the nature of the alloy is such as to enable formation of a protective film with the S present in Paranox. Oil 9370, an imported product, apparently contains a powerful antioxidant since the acid no. of the oil was the same after 100 hrs. of service and no film was formed on the bearing surface. With Santolube 303A, a detergent additive, the engine remained free of C deposits after 350 hrs.</p>																			
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TONKIKH, Anna

Adaptive-trophic function of sympathetic nervous system.

Report submitted to the 22nd Intl. Congress of Physiological Sciences,
Leiden, Netherlands 10-17 Sep 1962

TONKIKH, A.. podpolkovnik

Methods for the instruction of officers. Voen. vest. 38 no. 9:63-
64 Ag '58. (MIRA 11:7)

(Russia--Army--Officers)

TONKIKH, A., podpolkovnik

Joint operations of rifle and tank platoons. Voen. vest. 38
no.5:50-51 My '58.

(MIRA 11:5)

(Tank warfare) (Infantry drill and tactics)
(Tactics)

TONKIKH, A.

30516

Uchyennyi-patriot. Sov. zhyenshehina, 1949, No 5, S. 54-55.

SO: Letopis' No. 34

1ST AND 2ND CROSS										3RD AND 4TH CROSS									
PROCESSES AND PROPERTIES INDEX																			
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>TONKIKH, A.V.</p> <p>ca</p> </div> <div style="width: 60%;"> <p>The role of the sympathetic nervous system in the cataleptic action of tetrahydro-<i>d</i>-naphthylamine. A. V. Tonkikh. <i>J. Physiol. U. S. S. R.</i> 27, 11-8 (1949); <i>Chim. Zool.</i> 1940, 1, 3815. --Symptoms of general excitation, increase in body temp. and metabolic rate, and changes in muscle tone were observed in cats after subcutaneous injection of tetrahydro-<i>d</i>-naphthylamine (I). In sympathetomized cats the increases in body temp., metabolic rate and muscle tone were less pronounced. Expts. on cats subjected to different operations indicated that the action of I is both central and peripheral. M. G. M.</p> </div> <div style="width: 20%; text-align: right;"> <p>11F</p> </div> </div>																			
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>ASH-51A METALLURGICAL LITERATURE CLASSIFICATION</p> </div> <div style="width: 60%;"> <p>11-21-49</p> </div> <div style="width: 20%; text-align: right;"> <p>11-21-49</p> </div> </div>																			

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PROCESSES AND PROPERTIES INDEX																									
TÖNKIKH, A.V.																									
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Sleep after injection of calcium chloride into the hypothalamus. A. V. Tonkikh. <i>J. Physiol. U. S. S. R.</i> 30, 191-4 (in German, 194) (1941).—CaCl ₂ injected in small doses into the hypothalamus, or into the brain ventricle induces in cats a sleep that differs from the sleep induced by elec. stimulation of these regions. Injection of CaCl ₂ is effective both on normal cats and those with severed sympathetic innervation. The sleep induced in both cases resembles in all particulars a sleep under narcosis.																									
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ТОМКИН, А. В. (Ленинград)

"New Data Concerning the Physiology of the Hypothalamus" (5.3.1) by Tomkin, A.V.

SO: Advances in Modern Biology (Uspekhi Sovremennoi Biologii) Vol. XXI, No. 3, 1946

NOISEYEV, Ye. A., OSUKIDVA, M. A., and TONKIKH, A. V.

"Neuro-Endocrin Factors in Generation of Pneumonia. Communication VI. On the Problem of Changes in the Water-Salt Metabolism During the Irritation of the upper Jugular Ganglia." Zef. Zhur., Vol 33, No 5, 1947, p 565. Physiology Inst imeni Academician I. P. Pavlov, Acad Sci USSR.

SO: U-4396

TONKIKH, A. V. (Co-author)

See: GERSHUNI, G. V.

Gershuni, G. V. and Tonkikh, A. V. - "Electrical manifestations of the activity of various divisions of the central nervous system of the cat when it is asleep and awake," Trudy Fiziol. in-ta im. Pavlova, Vol. III, 1949, p. 11-31 -- Bibliog: p. 31

SO: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 14, 1949).

GORLANOVA, T.T.; TONKIKH, A.V.

Neuroendocrine factors in the etiology of pneumonia. Report no.7.
Effect of histamine on kidney activity following stimulation of the
superior cervical ganglions. Trudy fiziol. inst. 4:175-180 '49.

(PNEUMONIA)

(MLRA 9:5)

(HISTAMINE

(KIDNEYS)

(URINE)

TONKIKH, A.V.

Pavlov's theory on digestion and its significance in medicine.
Sovet.vrach.sborn. no.17:7-12 S '49. (CML 19:2)

1. Of the Physiological Institute imeni I.P.Pavlov of the
Academy of Sciences USSR.

--- -- Tonkikh, A. V.
USSR/Medicine - Physiology

FD-923

Card 1/1 Pub 33-6/29

Author : Bekauri, N. V. Il'ina, A. I., and Tonkikh, A. V.

Title : Physiology of pulmonary blood circulation

Periodical : Fiziol. zhur. 40, 295-301, May/Jun 1954

Abstract : The flow of blood in veins is usually uniform and pulsation in veins is less pronounced than in arteries. When cardiac activity slackens the blood flow stops first in veins, while in arteries the flow of blood continues even though at slow pace. The number of visible arterioles and capillaries in lungs is not constant: their number may fluctuate depending on changes in the conditions under which experiments are conducted. "Spontaneous" fluctuations in a number of visible arterioles and capillaries have not been observed. A specially manufactured condenser number 1 (OS-1) was used and all observations were conducted on warm-blooded animals (cats and rabbits). Photograph of OS-1. Nine non-Soviet references.

Institution : Laboratory of Nervous Trophicity, Institute of Physiology imeni I. P. Pavlov, Academy of Sciences USSR, Leningrad

Submitted : October 28, 1952

TONKIKH, A.V.

Physiology of the hypothalamo-pituitary system. Probl. endokr.
1 gorm. Moskva 1 no.3:3-9 My-Je '55. (MLRA 8:10)

1. Iz laboratorii nervnoy trofiki Instituta fiziologii imeni
I.P.Pavlova Akademii nauk SSSR

(PITUITARY GLAND, physiology,
hypothalamo-pituitary relationship)

(HYPOTHALAMUS, physiology,
hypothalamo-pituitary relationship)

TONKIKH, A.V.

Influences from the upper jugular sympathetic ganglia on the
posterior lobe of the pituitary body. Mat.po evol. fiziol. 1:
317-320 '56. (MIRA 11:1)

(PITUITARY BODY--INNERVATION)

(NERVOUS SYSTEM, SYMPATHETIC)

70. KIKH, A.V.
TONKIKH, A.V.

The problem of experimental hyperthyreosis. Report No.6: Experiments with chronic excitation of jugular sympathetic nerves in thyroidectomized dogs. Mat. po evol.fiziol. 1:321-332 '56. (MIRA 11:1)
(NERVOUS SYSTEM, SYMPATHETIC)
(THYROID GLAND)

KREPS, Ye.; NASONOV, D.; TONKIKH, A.; BRESTKIN, M.; ZHUKOV, Ye.

60th anniversary of birth of Aleksandr Grigor'evich Ginetsinskii.
Fiziol.zhur, 42 no.3:325-326 Mr '56. (MLRA 9:7)

(BIOGRAPHIES,
Ginetsinskii, Aleksandr G. (Rus))

USSR / Human and Animal Physiology. Blood Circulation.

T-4

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3416

Author : Il'ina, A. I.; Tonkikh, A. V.

Inst : Not given

Title : New Studies on the Neurohormonal Link of Vascular Reactions

Orig Pub : Fiziol. zh. SSSR, 1957, 43, No 1, 3-13

Abstract : In chronic experiments on dogs, after a single 5-minute electric stimulation of the paw, repeated blood pressure readings were taken with Riva-Ricci. The first wave of the blood pressure elevation set in immediately after the irritation and lasted for 20 - 30 minutes, the second wave started 105 - 120 minutes later, and lasted over 6 hours. The second wave was absent following removal of the hypophysis or ligation of its peduncle, and also after a preliminary denervation of the adrenals.

Card 1/2

USSR / Human and Animal Physiology. Blood Circulation.

T-4

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3416

A similar picture was observed in acute experiments on curare-treated cats, when the central end of the sciatic nerve was stimulated. Intravenous administration of adrenalin produced the same diphasic variation of the blood pressure. The authors assume that the second wave is the result of vasopressin release by the posterior pituitary that was stimulated by adrenalin through mediation of the CNS. The first wave is probably produced by a reflexory constriction of vessels and vasopressin secretion. -- S. A. Nadirashvili

Card 2/2

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10N22A711

GINETSINSKIY, A.G. (Leningrad); KREPS, Ye.M. (Leningrad); TONKIKH, A.V.
(Leningrad)

Leon Abgarovich Orbeli; on his 75th birthday. Fiziol.zhur. 43
no.7:595-599 J1 '57. (MIRA 10:10)
(ORBELI, LEON ABGAROVICH, 1882-)

GINETSINSKIY, A.G., otv. red.; KREPS, Ye.M., red.; TONKIKH, A.V., red.;
TARASOV, G.A., red. izd-va,; PEVZNER, R.S., tekhn. red.

[Problems of the evolution of physiological functions, dedicated
to the 75th anniversary of Academician L.A.Orbeli] Problemy
evoliutsii fiziologicheskikh funktsii; sbornik, posviashchennyi
75-letiiu akademika L.A.Orbeli. Moskva, 1958. 232 p. (MIRA 11:11)

1. Akademiya nauk SSSR. Institut evolyutsionnoy fiziologii.
(Physiology)

144 KIKH, H. V.
IL'INA, A.I.; TONKIKH, A.V.

The mechanism of reflex adrenalin secretion [with summary in English].
Fiziol.zhur. 44 no.4:327-333 Ap '58. (MIRA 11:4)

1. Laboratoriya nervnoy trofiki Instituta fiziologii im. I.P.Pavlova
AN SSSR, Leningrad.

(ADRENAL MEDULLA, physiology
reflex stimulation & secretion of epinephrine,
mechanism (Rus))

(EPINEPHRINE,
secretion by adrenal medulla after reflex stimulation,
mechanism (Rus))

Problem of the Interrelation Between the Anterior Lobe of the Hypophysis and the Suprarenal Cortex.

"The Problem of the Interrelation Between the Anterior Lobe of the Hypophysis and the Suprarenal Cortex."

Theses of the Proceedings of the Annual Scientific Sessions 23-26 March 1959
(All-Union Institute of Experimental Endocrinology)

From the Laboratory of Nerve Trophism of the Institute of Physiology imeni
I. P. Pavlov of the Academy of Sciences USSR (Director--Academician K. M. Bykov).

TONKI KH, A.V.

22(4); 27(0)

POBZ/LOS NOTATION NOO I ESTIM

International Conference on the Peaceful Uses of Atomic Energy, 2d, Geneva, 1958

Polady sovetskikh uchebnykh, radiobiologiya i radiatsionnaya medicina (Izvestia of Soviet Scientists, Radiobiology and Radiation Medicine) Moscow, Izd-vo Glav. ur. po ispol'zovaniyu atomnoy energii pri Svoets Minister 5830, 1959, 429 p., 4,000 copies printed. (Series "Uchebnye i nauchnye literatura po mirovomu ispol'zovaniyu atomnoy energii, tom 5")
Trudy, tom 5)

General Ed.: A.V. Labeledinsky, Corresponding Member, USSR Academy of Medical Sciences; Ed.: E.S. Shirokova; Tech. Ed.: Ye.I. Masal'.

PURPOSE: This book is intended for physicians, scientists, and engineers as well as for professors and students at various where radiobiology and radiation medicine are taught.

COVERAGE: This is Volume 5 of a 6-volume set of reports delivered by Soviet scientists at the Second International Conference on the Peaceful Uses of Atomic Energy, held on September 1-13, 1958, in Geneva. Volume 5 contains

32 reports edited by Candidates of Medical Sciences S.V. Levitskiy and V.V. Sedukhin. The reports cover problems of the biological effects of ionizing radiation, treatment of patients with radiation, the use of radioactive isotopes in medical and biological purposes, use of radioactive energy for diagnostic and therapeutic purposes, soil absorption of radioactive substances, their intake by plants, and their storage in plants and food stuffs. References accompany each report.

Reports of Soviet Scientists (Cont.)

WATSON, M.F., and R.A. HIRSHBERG, Changes Appearing in the Narrow System Following the Ionizing Radiation Effect (Report No. 211)

~~Schultz, A.Y.~~ Role of Suppurative Bloods in the Pathogenesis of Radiation Sickness (Report No. 2552)

WISCONSIN, D. N. Primary Reactions in Biopolides Under the Action of Ionizing Radiation (Report No. 2264)

USA, A.M., and A.L. Mahabadi. The Importance of Change in the Native State of Electrophoresis in Radiation Injury (Report No. 2319)

Frank, G.M., W.A. Madholaro, and A.N. Senebata. Some Problems in the Biological Analysis of Radiobiological Effects (Report No. 237)

Appendix B.1a.-- Some Tissue and Cell Reactions to the Ionizing Radiation Test (Report No. 2080)

monomeric, dimeric, and trimeric, Electron Paramagnetic Resonance Spectra of Irradiated Amino-Acids, Peptides, Proteins, and Lyophilized Tissues (Report No. 207)

12

TONKIKH, A.V.; YANKOVSKAYA, TS.L.

Changes in the activity of the adrenal medulla due to the action on
the organism of ionizing radiations. Med.rad. 4 no.11:25-29 N '59.
(MIRA 13:2)

1. Iz laboratorii nervnoy trofiki Instituta fiziologii imeni I.P.
Pavlova AN SSSR.

(ADRENAL MEDULLA radiation effects)
(RADIATION EFFECTS experimental)

TONKIKH, A., podpolkovnik; DAVYDOV, Ya., mayor

Garrison commander; a sketch. Voen. vest. 39 no.8:66-70 Ag '59.
(MIRA 12:10)

(Morozov, A.I.)

TOMTIKH, A.V.; IL'INA, A.I.; TEPOV, S.I.

Mechanisms underlying changes in coronary blood flow accompanying pain stimulation. *Fiziol, zhur. SSSR* 45 no.7:753-760 J1 '59.

(MIRA 13:4)

1. Laboratoriya nervnoy trofiki Instituta fiziologii im. I.P. Pavlova AN SSSR, i Patofiziologicheskaya laboratoriya Okruzhnogo voyennogo gosspitalya, Leningrad.

(CORONARY VESSELS physiology)

(PAIN physiology)

TONKIKH, A. V. (Leningrad)

Adrenalin i retikulyarnaya formatsiya

report submitted for the First Moscow Conference on Reticular Formation,
Moscow, 22-26 March 1960.

TONKIKH, A.V.

Neurohormonal factors in the development of sleep. Zhur. vys. nerv.
deiat. 10 no.2:285-290 Mr-Apr '60. (MIRA 14:5)

1. Pavlov Institute of Physiology, U.S.S.R. Academy of Sciences,
Leningrad.

(ENDOCRINE GLANDS) (SLEEP) (ADRENALINE)
(ELECTROENCEPHALOGRAPHY)

TONKIKH, A.V.; IL'INA, A.I.; TEПЛОВ, S.I.

Pharmacological analysis of the mechanism of changes in the blood pressure and coronary circulation following painful stimulations.
Fiziol. zhur. 46 no.12:1456-1462 D '60. (MIRA 14:1)

1. Laboratoriya nervnoy trofiki Instituta fiziologii im. I.P.Pavlova
AN SSSR, Leningrad.

(BLOOD PRESSURE)

(CORONARY VESSELS)

(PHARMACOLOGY)

ORBELI, Leon Abgarovich [deceased]; VOYNO-YASENETSKIY, A.V., red. toma;
VOSKRESENSKAYA, A.K., red. toma; KOSHTOYANTS, Kh.S., red. [deceased];
ASRATYAN, E.A., red.; KREPS, Ye.M., red.; GINETSKIY, A.G., red.;
LEBEDINSKIY, A.V., red.; TONKIKH, A.V., prof., red.; GOL'DANSKAYA,
M.I., red. izd-va; SMIRNOVA, A.V., tekhn. red.

[Selected works in five volumes] Izbrannye trudy v plati tomakh.
Moskva, Izd-vo Akad. nauk SSSR. Vol.1. [Problems of evolutionary
physiology] Voprosy evoliutsionnoi fiziologii. 1961. 455 p.
(MIRA 14:9)

1. Chleny-korrespondenty AN SSSR (for Koshtoyants, Asratyan, Kreps).
2. Chleny-korrespondenty Akademii meditsinskikh nauk SSSR (for Gi-
netsinskiy, Lebedinskiy).

(PHYSIOLOGY)

TONKIKH, A.V.; IL'INA, A.I.; TEPLOV, S.I.

Changes in the coronary circulation and blood pressure during
stimulation of the hypothalamus region. Fiziol. zhur. 47 no.7:
801-805 J1 '61. (MIRA 15:1)

1. From the Laboratory of Tropic Innervation, I.P.Pavlov Institute
of Physiology, Leningrad.
(CORONARY VESSELS) (BLOOD PRESSURE)
(HYPOTHALAMUS)

ACC NR: AM6012106

Monograph

UR/

Tonkikh, Anna Vasil'yevna

Hypothalamic-hypophyseal region and the regulation of physiological functions of an organism (Gipotalamo-gipofizarnaya oblast' i regulyatsiya fiziologicheskikh funktsiy organizma) Moscow. Izd-vo "Nauka", 1965. 311 p. illus., biblio.
(At head of title: Akademiya nauk SSSR. Institut fiziologii im. I. P. Pavlova)
Errata slip inserted. 2300 copies printed.

TOPIC TAGS: human physiology, hormone, respiratory system, cardiovascular system, hypothalamus, hypophysis, pulmonary disease, circulatory system disease, pathology, ^{autonomic} nervous system, central nervous system

PURPOSE AND COVERAGE: The role of the hypothalamic-hypophyseal region in the functional regulation of the organism is treated. Besides thorough coverage of the literature in the field, the book presents original experimental material obtained by the author and his colleagues showing the mechanisms of the regulation of cardiovascular activity, trophic processes, and sleep and wakefulness, by the hypothalamic-hypophyseal region. The possibility that reflex systems are produced through the hypothalamus by means of complex neurohumoral mechanisms is presented. Data presented on the participation of the hypothalamic-hypophyseal region in the development of some pathological conditions (cardiovascular disorders, pneumonia and pulmonary edema) render the book useful for physiologists and a wide variety of medical specialists.

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ACC NR: AM6012106

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SUB CODE: 06/

SUBM DATE: 15Nov65/

ORIG REF: 304/

OTH REF: 418/

Card 4/4

L 28045-66

ACC NR: AP6018179

SOURCE CODE: UR/0239/65/051/006/0755/0761

AUTHOR: Tonkikh, A. V.; Il'ina, A. I.; Teplov, S. I.

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B

ORG: Laboratory of Physiology of the Vegetation Nervous System and Nerve Trophism, Institute of Physiology im. I. P. Pavlov, AN SSSR, Leningrad (Laboratoriya fiziologii vegetativnoy nervnoy sistemy i nervnoy trofiki Instituta fiziologii AN SSSR)

TITLE: Changes in the electrical activity of the hypothalamus upon irritation of a sensory nerve or administration of adrenaline

SOURCE: Fiziologicheskiy zhurnal, v. 51, no. 6, 1965, 755-761

TOPIC TAGS: pharmacology, electrophysiology, cat, EEG, brain, blood pressure, rasopressin, animal physiology

ABSTRACT: In experiments on cats, irritation of the central end or a severed sciatic nerve (a pain irritation) and intravenous injection of adrenaline had the same effect on the electric activity of the hypothalamus: the activity in both the anterior and posterior divisions of the hypothalamus was increased (desynchronization of EEG rhythms took place and the amplitude of EEG waves was increased). This reaction coincided with an increase in the blood pressure, but was sometimes accompanied by a blood pressure decrease. Within 1.5-3 hrs. after the primary effect (stimulation of the electrical activity of the hypothalamus following the pain

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ACC NR: AP6018179

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irritation or injection of adrenaline), a second increase in the electrical activity of the hypothalamus took place, which coincided with the prolonged wave of blood pressure increase described in the authors' earlier work. One may assume that a chain neuro-hormonal reaction involving stimulation of the hypothalamus developed both in response to irritation of the sciatic nerve and to injection of adrenaline. Irritation of the sciatic nerve stimulated the sympathico-adrenal system; vasoconstriction under the effect of nerve action and also release into the blood of adrenaline and vasopressin, which was controlled by the vegetative centers of the hypothalamus, took place. The initially released adrenaline stimulated the hypothalamus, with the result that vasopressin was released, producing the second, prolonged increase in blood pressure, which was of purely hormonal origin. Orig.

art. has: 6 figures. [JPRS]

SUB CODE: 06/ SUBM DATE: 30Jan64/ ORIG REF: 005/ OTH REF: 009

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2/2

CC

TONKIKH, Anna Vasil'yevna

[Hypothalamo-hypophysial region and the regulation of
physiological functions of the body] Gipotalamo-
gipofizarnaia oblast' i reguliatsiia fiziologicheskikh
funktsii organizma. Moskva, Nauka, 1965. 311 p.
(MIRA 19:1)

TONKIKH, A.V.; IL'INA, A.I.; TEPIOV, S.I.

Changes in the electrical activity of the hypothalamus following stimulation of a sensory nerve and introduction of adrenaline. Fiziol. zhur. 51 no.6:755-761 Je '65.

(MIRA 18:6)

1. Laboratoriya fiziologii vegetativnoy nervnoy sistemy i nervnoy trofiki Instituta fiziologii imeni Pavlova AN SSSR, Leningrad.

AL'FONTSEV, Ye.P., marksheyder; TONKIKH, I.M., marksheyder; ATNASHKIN, N.G.,
marksheyder

Instrument for fixing benchmarks. Ugol' 37 no.3:59 Mr '62.
(MIRA 15:2)

1. Shakhta "Yagunovskaya" kombinata Kuzbassugol'.
(Mine railroads--Equipment and supplies)

EXCERPTA MEDICA Sec.2 Vol.10/9 Phy.Biochem. Sept 57
TONKIKH I. P.

3931. ILYINA A.I. and TONKIKH I.P. Pavlov Inst. of Physiol., Leningrad. * New
data on the neuro-hormonal link of vascular reactions
FIZIOL. Z. 1957, 43/1 (3-13) Illus. 6 (Russian text)

Stimulation of the proximal end of the sciatic nerve or cutaneous stimulation of the animal's (dog or cat) limb produces: (1) an initial rise of the blood pressure immediately following stimulation, lasting about 20-30 min., after which the blood pressure returns to its initial level; (2) a delayed elevation appearing 1 hour 45 min. to 2 hr. after stimulation and persisting for several hours (not less than 6 hr.). After removal of the pituitary gland or after preliminary adrenal denervation (7 to 30 days before stimulation) the response is limited to the first phase. A response, similar to that elicited by sciatic nerve or cutaneous stimulation, i.e. a 2-phase elevation of blood pressure, may be obtained by i.v. administration of adrenaline. It is concluded that the discharge of vasopressin, causing the appearance of the second phase of blood pressure elevation, depends on secretion of adrenaline.

Simonson - Minneapolis, Minn.

TONKIKH, K., prepodavatel'.

Our experience in educational work. Pozh.delo 6 no.4:28-29 Ap '60.
(MIRA13:11)

1. Pozharno-tekhnicheskoye uchilishche, L'vov.
(Firemen--Education and training)

TONKIKH, K., prepodavatel'

After probation work. Pozh.delo 9 no.5:28 My '63. (MIRA 16:5)

1. L'vovskoye pozharo-tekhnicheskoye uchilishche.
(Fire prevention--Study and teaching)

TONKIKH, O.

"Main Methods- All Workers," Agitator's Notebook No. 3, 1951, and Journal of
Analytical Chemistry, Vol. 6, No. 1.

BARABASHCHUK, O.V.; BAKHMUT, P.G. [Bakmut, P.H.]; GUBINA, K.M. [Hubina, K.M.]; DEMYANKO, M.D.; KALITA, S.M.; KARACHENTSEVA, L.S.; KONDRAT'YEVA, V.I.; KORZACHENKO, M.N.; LITVINOVA, N.M. [Litvienova, N.M.]; SOKOLOVA, M.I.; STORONSKAYA, O.Y. [Storons'ka, O.I.]; TRINKINA, N.V.; TONKIKH, P., otv. za vyplask; MARCHENKOV, S., red.; KURITSA, G. [Kuritsa, H.], tekhn.red.

[Economy of Drohobych Province; statistical collection] Narodne hospodarstvo Drohobychs'koj oblasti; statystychnyi zbirnyk. Drohobych, 1958. 158 p. (MIRA 12:11)

1. Drohobych (Province) Statisticheskoye upravleniye. 2. Statisticheskoye upravleniye Drohobychskoy oblasti (for all except Tonkikh, Marchenkov, Kuritsa).
(Drohobych Province--Statistics)

TORBIN, B.F., inzh.; UBAYDULLAYEV, Kh.; ZUFAROV, D.Z., inzh.; Prinimali
uchastiye: TONKIKH, P.I.; TORBINA, N.A.

Preparation of cottonseed meal for storage. Masl.-zhir.prom.
28 no.2:39-42 F '62. (MIRA 15:5)

1. Sredneaziatskiy filial Vsesoyuznogo nauchno-issledovatel'skogo
instituta zhirov (for Torbin, Ubaydullayev). 2. Yangiyul'skiy
maslozhirovoy kombinat (for Zufarov).
(Cottonseed)

ISMAILOV, I.M., inzh.; GAVRILENKO, I.V., kand.tekhn.nauk; Prinimali uchastiye:
KUTYAVIN, S.M.; ORESHKIN, D.K.; TADZHIBAYEV, G.T.; AKHUNDZHANOV, A.I.;
TONKIKH, P.I.; PANCHENKO, A.I.; FEL'DSHER, M.G.; VORONINA, L.D.

Lowering the solvent content in seed meal before treatment in evapor-
ators. Masl.-zhir.prom. 26 no.10:7-13 O '60. (MIRA 13:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov (for Ismailov,
Gavrilanko). 2. Uch-Kurganskiy masloekstraktsionnyy zavod (for Kutya-
vin, Oreshkin, Tadzhibayev). 3. Sredneaziatskiy filial Vsesoyuznogo nauchno-
issledovatel'skogo instituta zhirov (for Panchenko, Fel'dsher, Voronina).
(Uch-Kurgan--Oil industries--Equipment and supplies)

L 04904-67 EWT(d)/EWP(1) IJP(c) GG/BB/GD

ACC NR: AT6028704

SOURCE CODE: UR/0000/66/000/000/0007/0013

AUTHOR: Filippov, N. A.; Tonkikh, S. A.

ORG: none

TITLE: A device for rounding off binary numbers 160

SOURCE: AN KirgSSR. Institut avtomatiki. Uzly i ustroystva diskretnogo deystviya (Digital elements and devices). Frunze, Izd-vo Ilim, 1966, 7-13

TOPIC TAGS: circuit design, binary number, computer coding

ABSTRACT: Telemetry and computer technology sometimes round off large (multi-digit) numbers in order to store and transmit them, i.e., only a few (n) of the more significant digits beginning with the first are recorded or sent, while the remaining (p) digits are replaced by zeros, and only the number of them is recorded. In this process the number (n) of significant digits used determines the exactness of the recorded number. The article describes a device using magnetic elements with a rectangular hysteresis loop which uses less than usual amounts of pulsed current alone. The aspects treated are: a block diagram of a complete rounding-off circuit, the individual location, a dynamic valve, a scaling circuit, a blocking oscillator, and the operation of the whole device. The number of zeros in the rounded-off number (m) is

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connected with the number of zero-digit locations (p) by the relation $2^m = p$. The range of rounded numbers runs from 0 to 2^{p+n} (n = number rounded off). The structure of this device may be easily changed by adding new binary locations one or several at a time to the locations for the rounded-off number; this increment may be constant or variable. Compression of the initial number increases as counting elements (for the number of zeros) increases in each step and accuracy in reproducing the compressed number is sacrificed. The numbers must be transposed into the numerical system desired, i.e., binary or decimal. Orig. art. has: 2 figures.

SUB CODE: 09/ SUBM DATE: 22Feb66/ ORIG REF: 001/ OTH REF: 001

ns
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L 22980-66

ACC NR: AP6003554

SOURCE CODE: UR/0166/66/000/001/0083/0089

43
8

AUTHOR: Shul'gin, P.I.; Kallistov, A.P.; Tonkikh, V.K.; Shoheglov, N.V.

ORG: Physics Technical Institute, AN UzSSR (Fiziko-tekhnicheskiy institut AN UzSSR)

TITLE: A photoelectric semiconductor water turbidity analyzer

SOURCE: AN UzSSR. Izvestiya. Seriya fiziko-matematicheskikh nauk, no. 1, 1966, 88-89

TOPIC TAGS: semiconductor device, turbidimeter, photoelectric effect, measuring instrument

ABSTRACT: This article describes a field photoelectric device by means of which it is possible to determine the turbidity of water in 1.5-2 min with an accuracy of at least 2-3%. The device was patented under Registration Certificate No. 36269, April 22, 1963. Silicon photocells manufactured in FTI AN UzSSR (Knigin, P.I., Dubrovskiy, L.A. "Izv. AN UzSSR," seriya fiz.-mat. nauk, 1962, no. 3) were used as sensors. The device also incorporates P-13 semiconductor triodes, a potentiometer, and resistors. The analyzer was tested in laboratory and field conditions. The laboratory tests showed that the calibrated curves fully represent the turbidity of the water. The field experiments were conducted at the hydrostations of Ak-Dzhar, Kyzyl-Kishlak (Syrdar'ya River), and Card 1/2

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ACC NR: AP6008554

the Kayrakkum water reservoir at various degrees of water depth, water turbidity, and velocity. The samples were processed at the Laboratory of Deposits of the Central Asiatic Expedition, State Hydrologic Institute (laboratoriya nanosov Sredneaziatskoy ekspeditsii Gosudarstvennogo gidrologicheskogo instituta). The readings of the device and its accuracy are at least of an order higher than the corresponding data obtained by means of existing methods of analysis of the turbidity of water. Orig. art. has: 2 figures.

SUB CODE: 14 / SUBM DATE: 10Apr64 / ORIG REF: 005

Card 2/2 *LC*

TONKIN, L.I.

General form of a functional in the space of functions analytical
in a semicircular domain. Dokl.AN SSSR 138 no.3:549-552 My '61.
(MIRA 14:5)

1. Predstavleno akademikom S.N.Bernshteynom.
(Functional analysis)

TONKIN, N.

Types of allergic reactions in the treatment with various antibiotics. Suvr. med. (Sofia) 16 no.1:36-37 '65.

TONKIN, N.

Frequency of oral reactions in the peroral treatment with some
wide-spectrum antibiotics. Dermatovenereol Sofia 3 no. 1:111-113
'64.

1. City Dermatovenereal Dispensary, Sofia (Chief Physician:
Ievlev, d-r).

283

AUTHOR: Tonkogiy, A.V., Basina, I.P. and Vdovenko, M.I.

TITLE: A cyclonic pyrometallurgical process. (Tsikonnyy pirometallurgicheskiy protsess.)

PERIODICAL: "Tsvetnye Metally" (Non-ferrous Metals),
1957, No. 1, pp. 30 - 42, (U.S.S.R.)

ABSTRACT: In this article a cyclonic smelting method, characterised by high process intensity and metallurgical efficiency is described. Theoretical investigation of conditions in cyclone combustors have confirmed that the combustion process occurs mainly on the walls of the cyclone. On the basis of preliminary experiments and theoretical studies a pilot plant scale installation, used for the cyclonic smelting of copper and copper-zinc concentrates, was constructed. The diameter of the cyclone was 430 mm, its height 780 mm and the diameter of the opening in the flat bottom of the cyclone was 170 mm. The cyclone was placed over a large settling chamber (1 130 x 1 600 mm and 1 100 mm high) into which both the liquid and gaseous products of the cyclone passed. From the settling chamber the gases pass via a heat exchanger and extractor fan to a stack, the heat exchanger serving to pre-heat combustion air. The charge was fed directly into the cyclone by a screw feeder. Liquid fuel was used, supplied at 4 atm. pressure through a centrifugal jet. The rate of smelting the charge was about 300 kg per hour, the corresponding fuel rate being about 80 kg per hour and the excess air factor being either 1.05 or

A cyclonic pyrometallurgical process. (Cont.)

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1.18. A temperature of about 1 400 °C was obtained in the settling chamber. The pressure drop through the cyclone was about 40 mm mercury.

The utilisation of smelting space in the cyclonic installation was several times higher than in reverberatory copper smelting furnaces or in fluidised-state reactors. This confirms theoretical expectations of higher relative gas/particle velocities in the cyclone. The fact that roasting and melting occur simultaneously in the cyclone reactor enables fuel consumption for production of the metal to be greatly reduced; with high air-pre-heat and high sulphide content in the charge carbonaceous fuel can be dispensed with altogether. The degree of de-sulphurisation in the cyclone can be easily controlled over a wide range by altering the quantity of air admitted to the cyclone.

It is expected that under industrial conditions the exit gases from the cyclone will contain 9-12% sulphur dioxide, which would enable them to be used for sulphuric acid manufacture. The cyclonic method could be used for treating multi-component concentrates with the separate extraction of valuable components into the melt and sublimate.

From the preliminary experiments, the dust content of the gases directly after the settling chamber is 2.0-5.0 g/m³. Since no special grinding or drying of the charge is required for cyclonic smelting, preparation equipment can be simplified.

A cyclonic pyrometallurgical process. (Cont.) 283

The whole cyclonic smelting operation lends itself to automation and, compared with reverberatory furnaces, secures the production of richer mattes and increased converter productivity.

There are 8 figures and 11 references, 7 of which are Russian.

The work was carried out at the Energetics Institute of the Academy of Sciences of the Kazakhstan S.S.R.

Ca

Improved blast furnace design. Z. I. Nekrasov, G. V. Tonkosenok, A. P. Yakovlev, and E. S. Tarasov. Dnepropetrovsk Metallurgical Inst., *Stal* 7, pp. 96 (1947).
An improved design of a blast furnace is described. M. Hosh

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ASS-154 METALLURGICAL LITERATURE CLASSIFICATION

100 AND 200 COLUMNS

PROCESSES AND PROPERTIES NOTES

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F

1966. IMPROVED BLAST-FURNACE DESIGN. Nekrasov, A. I., Tarkhonom, G. V., Yakovlev, A. R. and Taraven, F. S. (Stal, 1947, 7, 100-9; Chem. Abstr., 1947, 41, 5070).

An improved design of a blast furnace is described.

DETAILS NOTES

ASR-31A METALLURGICAL LITERATURE CLASSIFICATION

10000 11000 12000 13000 14000 15000 16000 17000 18000 19000 20000 21000 22000 23000 24000 25000 26000 27000 28000 29000 30000 31000 32000 33000 34000 35000 36000 37000 38000 39000 40000 41000 42000 43000 44000 45000 46000 47000 48000 49000 50000 51000 52000 53000 54000 55000 56000 57000 58000 59000 60000 61000 62000 63000 64000 65000 66000 67000 68000 69000 70000 71000 72000 73000 74000 75000 76000 77000 78000 79000 80000 81000 82000 83000 84000 85000 86000 87000 88000 89000 90000 91000 92000 93000 94000 95000 96000 97000 98000 99000

COMMON ELEMENTS										PROCESSES AND PROPERTIES INDEX										AND AND OTHER INDEX									
<p>BC</p>																				<p>A-4</p>									
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PHASE I BOOK EXPLOITATION

SOV/6246

Soveshchaniye po tseolitam. 1st, Leningrad, 1961.

Sinteticheskiye tseolity; polucheniye, issledovaniye i primeneniye
(Synthetic Zeolites: Production, Investigation, and Use). Mos-
cow, Izd-vo AN SSSR, 1962. 286 p. (Series: Its: Doklady)
Errata slip inserted. 2500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Otdeleniye khimicheskikh
nauk. Komisiya po tseolitam.

Resp. Eds.: M. M. Dubinin, Academician and V. V. Serpinskiy, Doctor
of Chemical Sciences; Ed.: Ye. G. Zhukovskaya; Tech. Ed.: S. P.
Golub'.

PURPOSE: This book is intended for scientists and engineers engaged
in the production of synthetic zeolites (molecular sieves), and
for chemists in general.

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